### PATENT COOPERATION TREATY

## **PCT**

# TRANSLATION INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 2003DE456			ence	FOR FURTHER A	CTION	See Form PCT/IPEA/416		
International application No. PCT/EP2004/013934				International filing dat 08.12.2004		Priority date (day/month/year) 12.12.2003		
International Patent Classification (IPC) or national classification and IPC  C08G65/00, C08G65/26								
Applicant CLARIANT PRODUKTE (DEUTSCHLAND) GMBH								
1.	1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.							
2.	This RE	PORT consist	ts of a total of _	4	sheets, includin	g this cover sheet.		
3.	This rep	ort is also acc	ompanied by A	NNEXES, comprising:				
	a. 🛚	(sent to th	e applicant and	to the International Bur	reau) a total of 2	sheets, as follows:		
	sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).							
	sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.							
	b. (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s))							
	, containing a sequence listing and/or tables							
				readable form only, as rative Instructions).	indicated in the Supple	emental Box Relating to Sequence Listing (see		
4.	This rep	ort contains i	ndications relati	ng to the following item	ıs:			
	$\boxtimes$	Box No. I	Basis of the	report				
		Box No. II	Priority	_				
		Box No. III	Non-establi	shment of opinion with:	hment of opinion with regard to novelty, inventive step and industrial applicability			
		Box No. IV	Lack of unit	ty of invention				
	Box No. V  Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement							
	Box No. VI Certain documents cited							
		Box No. VII	Certain defe	ects in the international	application			
		Box No. VIII	Certain obse	ervations on the internat	ional application			
Date of submission of the demand				Date of completion of th	uis report			
Name and mailing address of the IPEA/EP					Authorized officer			
Francisci I. N.					Talanhana N-			
Facsimile No.				Telephone No.				

#### INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/EP2004/013934

Box	No. I	Basis of the report		
1.		h regard to the language, this report is based on the internaticated under this item.	onal application in the language in	which it was filed, unless otherwise
		This report is based on translations from the original language which is the language of a translation furnished for the purinternational search (Rule 12.3 and 23.1(b))  publication of the international application (Rule 12.1)	rposes of:	·
		international preliminary examination (Rule 55.2 an		
2.	rece	h regard to the <b>elements</b> of the international application, the iving Office in response to an invitation under Article 14 of report):  the international application as originally filed/furnished the description:		
		pages 1-5		as originally filed/furnished
		pages*	received by this Authority on	
		pages*	received by this Authority on	
	$\boxtimes$	the claims:		
		nos.		as originally filed/furnished
		nos.*	as amended (togethe	r with any statement) under Article 19
		nos.* _ 1-9	received by this Authority on	28.09.2005 with letter of 27.09.2005
		nos.*	received by this Authority on	
		the drawings:		
		sheets		as originally filed/furnished
		sheets*	received by this Authority on	
		sheets*	received by this Authority on	
		a sequence listing and/or any related table(s) – see Supple	mental Box Relating to Sequence L	isting.
3.		The amendments have resulted in the cancellation of:		
		the description, pages		
		the claims, nos.		
		the drawings, sheets/figs		
		the sequence listing (specify):		
		any table(s) related to sequence listing (specify):		
4.		This report has been established as if (some of) the amer they have been considered to go beyond the disclosure as		
		the description, pages		
		the claims, nos.		
		the drawings, sheets/figs		
		the sequence listing (specify):		
		any table(s) related to sequence listing (specify):		_
*	If ite	em 4 applies, some or all of those sheets may be marked "su	perseded."	

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Вох		Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
1.	Statement						
	Novelty (N)	Claims	1-9	_ YES			
		Claims		_ NO			
Inventive step (IS)		Claims	1-9	_ YES			
		Claims		_ NO			
Industrial applicability (IA) Claim		Claims	1-9	_ YES			
		Claims		_ NO			

2. Citations and explanations (Rule 70.7)

Reference is made to the following documents:

- D1: EP-A-0 850 972 (BASF CORP.), 1 July 1998 (1998-07-01)
- D2: EP-A-1 065 193 (INEOS, NAAMLOZE VENNOOTSCHAP), 3
  January 2001 (2001-01-03)
- D3: EP-A-0 539 167 (ORTHO PHARMACEUTICAL CORP.), 28
  April 1993 (1993-04-28)
- D4: EP-A-1 245 608 (NOF CORP.), 2 October 2002 (2002-10-02)

#### 1. Novelty (PCT Article 33(2))

The present claim 1 discloses a method for preparing polyethylene glycol with a residual content of less than 30 ppm aldehyde, determined as formaldehyde according to the method in Ph. Eur. Monografie, 07/2003: 1444

"Macrogole", by ethoxylation of triethylene glycol in the presence of a basic catalyst, and characterised in that the triethylene glycol used is obtained by distillation from a glycol mixture essentially comprising monoethylene glycol, diethylene glycol, triethylene glycol and higher glycols, under a pressure of 5-10 hPa and at a

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Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
temperature of 140-160°C.
None of the above-mentioned documents D1-D4 discloses
this type of method for preparing polyethylene glycol and
having all the technical features of the present claim 1.
The subject matter of the application is therefore novel.